

HAER
PR,
6-MAGU
1-

HISTORIC AMERICAN ENGINEERING RECORD

Index to Photographs

Addendum to:

Hacienda Buena Vista (Hacienda Vives)
(Buena Vista Plantation)
Km 16.5, Route 10, Ponce to Arecibo
Magueyes
Municipality of Ponce
Puerto Rico

HAER No. PR-4

NOTE: These photographs are U.S. Government materials and not subject to copyright. However, the courtesy of a credit line identifying the Historic American Engineering Record and the photographer, Jack Boucher, would be appreciated. All photographs were taken by Jack Boucher in August 1977.

AQUEDUCT SYSTEM

HAER PR, 6-MAGU, 1A-

- | | |
|---------|--|
| PR-4-1 | Headwaters of aqueduct system on the Rio Canas showing concrete dam and 6-inch diameter iron pipe leading from base of dam. |
| PR-4-2 | View from top of dam looking down the Rio Canas valley - the route of the aqueduct. |
| PR-4-3 | 6-inch diameter iron pipe at beginning of aqueduct. |
| PR-4-4 | Beginning of exposed concrete aqueduct. |
| PR-4-5 | " |
| PR-4-6 | Brick-arch openings allowing access to tunneled sections of aqueduct. |
| PR-4-7 | Example of stucco covered brick-arch access opening to tunneled aqueduct. |
| PR-4-8 | Concrete channeled aqueduct coursing through woods. |
| PR-4-9 | 3/4 view of aqueduct bridge. |
| PR-4-10 | Side view of aqueduct bridge. |
| PR-4-11 | Top view of aqueduct bridge. |
| PR-4-12 | Detail of tablet in parapet of aqueduct bridge. |
| PR-4-13 | Aqueduct tablet with Benjamin Nistal-Moret (Project Historian) and Mrs. Charles Egbert (wife of Supervisory Architect) in picture. |

AQUEDUCT SYSTEM (Continued)

- PR-4-14 View looking south as aqueduct enters courtyard.
- PR-4-15 Circular concrete-lined pond used for watering livestock that is integral with aqueduct.

COFFEE MILL

- HAER PR, 6-MAGU, 1B-
- PR-4-16 South elevation of coffee mill. HAER PR, 6-MAGU, 1B-1
- PR-4-17 Detail of aqueduct running at base of wall leading to coffee mill. HAER PR, 6-MAGU, 1B-2
- PR-4-18 Pulped coffee drying terrace adjacent to west wall of coffee mill. HAER PR, 6-MAGU, 1B-3
- PR-4-19 View looking east at wooden waterwheel that drove coffee husker in coffee mill. HAER PR, 6-MAGU, 1B-4
- PR-4-20 View looking east at sluiceway to corn mill emerging out from under wall of coffee mill. HAER PR, 6-MAGU, 1B-5
- PR-4-21 Detail of concrete manifold and sluice gates that regulated water flow inside coffee mill. HAER PR, 6-MAGU, 1B-6
- PR-4-22 " HAER PR, 6-MAGU, 1B-7
- PR-4-23 Detail of lever mechanism that regulated sluice gates in coffee mill. HAER PR, 6-MAGU, 1B-8
- PR-4-24 Detail of adjustable lever mechanism that regulated sluice gates in coffee mill. HAER PR, 6-MAGU, 1B-9
- PR-4-25 Front elevation of coffee husker showing framework supporting gears, shaft and pulleys that drove husker. HAER PR, 6-MAGU, 1B-10
- PR-4-26 Detail view of framework, gears, shaft and pulleys below coffee husker. HAER PR, 6-MAGU, 1B-11
- PR-4-27 Detail view of coffee husker. HAER PR, 6-MAGU, 1B-12
- PR-4-28 Detail of waterwheel forebay. HAER PR, 6-MAGU, 1B-13
- PR-4-29 Detail of waterwheel forebay showing watergate control for by-pass sluiceway and pump. HAER PR, 6-MAGU, 1B-14

COFFEE MILL (Continued)

- PR-4-30 Detail of watergate control for sluiceway by-pass. HAER PR, 6-MAGU, 1B-15
- PR-4-31 Coffee washing basin on ground floor of coffee mill. HAER PR, 6-MAGU, 1B-16
- PR-4-32 Coffee bean sluiceway on ground floor showing chute bringing beans from first floor hopper. HAER PR, 6-MAGU, 1B-17
- PR-4-33 Coffee bean hopper and measuring pails on first floor. HAER PR, 6-MAGU, 1B-18
- PR-4-34 Detail of measuring pails and table adjacent to coffee bean hopper on first floor. HAER PR, 6-MAGU, 1B-19
- PR-4-35 Coffee bean roasting pan and oven on first floor. HAER PR, 6-MAGU, 1B-20
- PR-4-36 Benjamin Nistal-Moret standing next to metal roasting pan. HAER PR, 6-MAGU, 1B-21
- PR-4-37 Honey extractor machine located in small room on first floor of coffee mill. HAER PR, 6-MAGU, 1B-22

COFFEE STORAGE & DRYING SHED HAER PR, 6-MAGU, 1C-

- PR-4-38 East elevation of coffee storage and drying shed with circular, cattle watering pond in left foreground and coffee mill in background right. HAER PR, 6-MAGU, 1C-1
- PR-4-39 3/4 view of south and east elevations. HAER PR, 6-MAGU, 1C-2
- PR-4-40 Coffee bean drying trays that are stored in racks under building and pulled out to sun dry beans on terraces to the north and south of building. HAER PR, 6-MAGU, 1C-3
- PR-4-41 Coffee bean drying trays stored under building. HAER PR, 6-MAGU, 1C-4
- PR-4-42 Interior view of coffee bean drying trays. HAER PR, 6-MAGU, 1C-5
- PR-4-43 Coffee bean basket. HAER PR, 6-MAGU, 1C-6
- PR-4-44 Unidentified machine part (possibly a coffee bean husker). HAER PR, 6-MAGU, 1C-7
- PR-4-45 Unidentified machine. HAER PR, 6-MAGU, 1C-8
- PR-4-46 View of opposite side of unidentified machine. HAER PR, 6-MAGU, 1C-9
- PR-4-47 Assortment of plantation tools. HAER PR, 6-MAGU, 1C-10
- PR-4-48 Remnant of stencil used to mark coffee bean bags. HAER PR, 6-MAGU, 1C-11

CORN MILL

HAER PR, 6-MAGU, 1D-

- PR-4-49 View looking south down headrace with gable end of corn mill in background. HAER PR, 6-MAGU, 1D-1
- PR-4-50 Trash strainer and sluice gate at top of cast-iron pipe penstock leading to Barker turbine. HAER PR, 6-MAGU, 1D-2
- PR-4-51 View up tailrace at bottom of turbine pit showing rotor of Barker turbine. HAER PR, 6-MAGU, 1D-3
- PR-4-52 View up tailrace of Barker turbine pit. HAER PR, 6-MAGU, 1D-4
- PR-4-53 View at stone floor level showing wooden vat (covering mill stones), horse and hopper. HAER PR, 6-MAGU, 1D-5
- PR-4-54 View looking north on meal floor level showing stone floor, mill stone vat and hurst frame. HAER PR, 6-MAGU, 1D-6
- PR-4-55 View looking through hurst frame showing gear mechanism. HAER PR, 6-MAGU, 1D-7
- PR-4-56 Detail view of secondary gear, millstone spindle and bearing directly below bedstone. HAER PR, 6-MAGU, 1D-8

PLANTATION HOUSE

HAER PR, 6-MAGU, 1E-

- PR-4-57 View looking southeast across courtyard at west elevation. HAER PR, 6-MAGU, 1E-1
- PR-4-58 Straight-on view of west (courtyard) elevation. HAER PR, 6-MAGU, 1E-2
- PR-4-59 3/4 view of west (courtyard) elevation. HAER PR, 6-MAGU, 1E-3
- PR-4-60 Detail view of main entry to storage area at ground floor. HAER PR, 6-MAGU, 1E-4
- PR-4-61 Detail view of wooden bared window opening at ground floor level of south elevation. HAER PR, 6-MAGU, 1E-5
- PR-4-62 Steps and landing of stair leading to interior courtyard at first floor level. HAER PR, 6-MAGU, 1E-6
- PR-4-63 View from top of stairs at courtyard level looking down to entry level landing. HAER PR, 6-MAGU, 1E-7
- PR-4-64 View of living room looking west. HAER PR, 6-MAGU, 1E-8
- PR-4-65 View of kitchen looking north. HAER PR, 6-MAGU, 1E-9

PLANTATION HOUSE (Continued)

PR-4-66 View looking southeast at north facade of hurricane shelter.
HAER PR, 6-MAGU, 1F-1

PR-4-67 View looking southeast at north facade of hurricane shelter
with plantation house veranda in left corner. HAER PR, 6-MAGU, 1F-2

PR-4-68 North elevation of caretaker's office with caretaker
standing in doorway. HAER PR, 6-MAGU, 1G-1

PR-4-69 3/4 view looking north at carriage house, stables and
caretaker's house. HAER PR, 6-MAGU, 1H-1

PR-4-70 Angled view looking south at stables. HAER PR, 6-MAGU, 1H-2

PR-4-71 3/4 view looking north at caretaker's house. HAER PR, 6-MAGU, 1I-1

PR-4-72 Detail view of paneled window closure on caretaker's house.
HAER PR, 6-MAGU, 1I-2

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

HAER
PR
6-1464,
1-

ADDENDUM TO
HACIENDA BUENA VISTA
(Hacienda Vives)
(Buena Vista Plantation)
PR Route 10 (Ponce to Arecibo)
Magueyes
Municipality of Ponce
Puerto Rico

HAER No. PR-4
(p. 6)

PR-4-1 through PR-4-72 were previously transmitted to the Library of Congress.

INDEX TO COLOR TRANSPARENCIES

All color xeroxes were made from a duplicate color transparency.

Jack Boucher, Photographer, August 1977

PR-4-73 (CT)	VIEW LOOKING EAST AT WOODEN WATERWHEEL THAT DROVE COFFEE HUSKER IN COFFEE MILL
PR-4-74 (CT)	VIEW LOOKING SOUTHEAST ACROSS COURTYARD AT WEST ELEVATION OF PLANTATION HOUSE

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

ADDENDUM TO:

HAER PR-4

HACIENDA BUENA VISTA

(Hacienda Vives)

(Buena Vista Plantation)

PR Route 10 (Ponce to Arecibo)

Magueyes

Ponce County

Puerto Rico

Photographs HAER PR-4-1 through PR-4-74 were previously transmitted to Library of Congress.

INDEX TO COLOR TRANSPARENCIES

PR-4-75 (CT)

3/4 view of west (courtyard) elevation. Duplicate view of HAER
PR-4-59